STELLAR ®

software by Weyerhaeuser

Release Notes

Stellar® software v6.1
Release date: May 2022

Release Notes Content

Description of Changes

For more detailed information, refer to the help file included with the program. To access the help file, use the Help menu.

Default SQL Server version

SQL Express 2019 will be installed for new instances of Stellar on Microsoft Windows 8.1, Windows 10, and Windows 11 when a valid SQL instance is not available. For other operating system questions, contact Weyerhaeuser Software Support.

New Cut Pattern Editor coloring (Cart Colors)

The Cut Pattern Editor now features Cart Colors to easily identify cut pieces assigned to each cart. When using multiple job batching, colors will be assigned per job. A unique color will be assigned for pieces in up to 10 carts/jobs for each batch. This feature is turned on by default and is available for all Outfeed Optimization types.

All Non-Cut Pieces (Drops, Waste, Prepulls, Inventory Blocking, Inventory Boards, Shipped Waste, etc.) will retain the respective existing colors.

New Inventory Transaction Report

A new report has been added to allow users to better track inventory changes, including Reason Code identification.

Inventory Modification Reason Code -

Reason Codes can now be entered each time manual modifications to inventory occur allowing better tracking of inventory adjustments. Reason Code functionality is available to be turned on in Program Settings.

New Hole Reports

New reports have been added for Hole Cut History and Pending Hole Cuts to help understand hole cutting operations.

Expanded User Defined Material support -

Default Outfeed Optimization and Cutting Location Options can now be set for User Defined Material (UDM) separately for Rectangular and I-Joist shapes.

Excel Worksheet Report Export -

Exporting of reports to Excel can now be done as a single Worksheet, by default, or a separate worksheet for each page.

Materials Changes

Materials Added

- 1 1/2" x 7 1/4" 1.6E TimberStrand LSL
- Glulam
  - Added Depths of 25 1/2", 27", 28 1/2", 30", 31 1/2", 33", 34 1/2", 36" to all 5 1/8", 5 1/2", 6 3/4" and 8 3/4" widths.
- Commodity Lumber
  - 14" depths for all species and grade combinations of 2x
  - 14" and 16" depths for all species and grade combinations of 4x
  - 14", 16", 18", 20", 22" and 24" depths for all species and grade combinations of 6x
  - 8" thru 24" depths for all species and grade combinations of 8x

Materials Removed

- Microllam LVL with treatment for Hawaii (TJI stays)

Materials Updated

- Simpson Hanger Updates for US and Canada
- MiTek/USP Hanger Updates for US and Canada

Defects Addressed

A total of 37 defects were addressed in version 6.1of Stellar software, including:

- Larger, Older Stellar DBs no longer have performance issues selecting and manually updating Inventory Manager product length values.

- Materials List product length rounding has been corrected for Even and Whole feet.

- Cut Pattern Editor:
    - The system no longer generates "Disappearing" Boards and Cut Pieces which resulted with an exception error.
    - Job Blocking converted to PrePull no longer causes disappearing members.

- Reports:
    - Configuration Report now only includes Program Settings that are visible to the user.
    - Pending Cuts, by length and by Quantity, in Cut Analysis have been corrected.

Hardware and Operating System Requirements

Hardware Recommendations

- Processor: Core2 Duo 2.00Ghz (minimum) / Core2 Duo 2.66Ghz or faster (recommended)
- RAM: 4 GB DDR or faster (minimum) / 6 GB DDR or more (minimum with 64-bit operating systems)
- Storage: 2 GB available hard drive space (minimum) / 10-50 GB (minimum if housing the database component)
- Monitor: 1280 x 1024 pixel monitor with suggested high-color minimum display resolution (minimum)
- Mouse: Scroll Mouse

Operating System Requirements

The software only supports the English language versions of:

- Microsoft Windows Server 2012

- Microsoft Windows Server 2012 R2
- Microsoft Windows Server 2016
- Microsoft Windows Server 2019
- Microsoft Windows Server 2022
- Microsoft Windows 8.1 - 64 bit only
- Microsoft Windows 10 - 64 bit using display size setting of 100% for text, applications and other items.
- Microsoft Windows 11 –64 bit using display size setting of 100% for text, applications and other items.

Software Prerequisites for Client Installation

- Microsoft Windows Installer 4.5*
- Microsoft .NET Framework 4.5.1*
- Microsoft .NET Framework 3.5 SP1 required with Windows 8 and Windows 10*
- Power Shell 1.0 (minimum)*

Software Prerequisites for Database Installation

- Microsoft Windows Installer 4.5 (Required for SQL Server Express)*
- Microsoft .NET Framework 4.0 (Required for SQL Server Express)*
- Microsoft SQL Server 2012, SQL Server 2012 Express Edition, SQL Server 2014, SQL Server 2014 Express Edition, SQL Server 2016, SQL Server 2016 Express Edition, SQL Server 2017, SQL Server 2017 Express Edition, SQL Server 2019, or SQL Server 2019 Express Edition*.
- Power Shell*

* If necessary, these products are downloaded from the internet by the installer.

Note: Users with larger databases may experience better performance using full versions of SQL Server (instead of the SQL Express version that deploys and installs with Stellar® software). Acquisition, Installation, and Licensing of full versions of SQL Server are the responsibility of the user.